

AMENDMENTS TO THE CLAIMS:

Claim 1. (Previously presented) A wireless telephone that receives data of at least one of an image and characters through a transmitting provider, said wireless telephone comprising:

a detector for detecting the data received from the transmitting provider;

a display device which displays a menu for designating at least one of transmitting data and receiving data;

a designating device for designating the data for reception by the wireless telephone from the transmitting provider and for selectively designating an apparatus to which the received data is to be transmitted; and

a wireless communicating device that communicates with the apparatus without the transmitting provider and transmits the data to the apparatus designated by said designating device.

Claim 2. (Previously presented) The wireless telephone as set forth in claim 1, wherein said display device displays received information on data of the at least one image and characters through the transmitting provider.

Claim 3. (Previously presented) The wireless telephone as set forth in claim 2, wherein said designating device allows the user to designate the data to be received from the information displayed by said display device.

Claim 4. (Previously presented) A data transmitting method for a wireless telephone, comprising:

detecting the data to be received from a transmitting provider;

displaying a menu for designating at least one of transmitting data and receiving data;

designating the data for reception by the wireless telephone from the transmitting provider;

receiving the data into the wireless from the transmitting provider, said data

comprising at least one of an image and characters;
designating an apparatus to which the received data is to be transmitted; and
transmitting the data to the designated apparatus with a wireless communicating device that communicates with the apparatus without the transmitting provider.

Claim 5. (Previously presented) The data transmitting method for the wireless telephone as set forth in claim 4, further comprising:

displaying that the telephone has received information on data of the at least one of image and characters through the transmitting provider.

Claim 6. (Previously presented) The data transmitting method for the wireless telephone as set forth in claim 5, wherein the displaying comprises allowing a user to designate the data to be received from the transmitting provider.

Claim 7. (Previously presented) A data transmission system, comprising:

a wireless telephone that receives data of at least one of an image and characters through a transmitting provider;

a designating device on said wireless telephone for designating the data for reception by the wireless telephone and for selectively designating an apparatus to which the received data is to be transmitted;

a display device on said wireless telephone for displaying information from the received data and displaying a designating address of the apparatus and displaying a menu for designating at least one of transmitting data and receiving data; and

a wireless communicating device that communicates with the apparatus without the transmitting provider and transmits the data to the apparatus designated by said designating device.

Claim 8. (Previously presented) The system of claim 7, wherein said wireless telephone receives and transmits the data without storing the entire data set on the wireless telephone.

Claim 9. (Previously presented) The system of claim 7, further comprising:
a second wireless telephone that receives the data from a computer and transmits the data into the wireless telephone through the transmitting provider.

Claim 10. (Previously presented) The system of claim 9, wherein said second wireless telephone receives the data from a computer server and transmits the data without storing the entire data set on the second wireless telephone.

Claim 11. (Previously presented) The system of claim 7, further comprising:
a central processing unit for controlling the telephone and for comparing the size of the data to be received into the wireless telephone with memory capacity of the second telephone to determine if data can be stored on the telephone or must be outputted to an apparatus.

Claim 12. (Previously presented) The system of claim 11, wherein said central processing unit compares the size of the data to be received with memory capacity of the wireless telephone to determine if data can be stored on the telephone or must be outputted to the apparatus.

Claim 13. (Previously presented) The system of claim 7, wherein said display includes a menu having selections for a receive mode for indicating that data has been received, a transmit image mode for transmitting an image from the second phone to an apparatus, a receive mail mode for receiving characters, and a transmit mail mode for transmitting characters.

Claim 14. (Previously presented) The system of claim 7, wherein said menu comprises selections for a receive mode for indicating that data has been received, a transmit image mode for transmitting an image from the second phone to an apparatus, a receive mail mode for receiving characters, and a transmit mail mode for transmitting characters.

Claim 15. (Previously presented) A method for transmitting data over a transmitting provider, comprising:

transmitting data from a first wireless telephone to a second wireless telephone through a transmitting provider;

detecting, on the second wireless telephone, the data to be received from the first wireless telephone;

displaying information from the detected data on a display on the second wireless telephone and displaying a menu for designating at least one of transmitting data and receiving data;

designating the data for reception by the second wireless telephone;

receiving the data into the second wireless telephone;

designating an apparatus to which the received data is to be transmitted from the second wireless telephone; and

transmitting the designated data to the designated apparatus without the transmitting provider through a wireless connection device installed on the second wireless telephone.

Claim 16. (Previously presented) The method of claim 15, wherein said receiving and transmitting said data with the second wireless telephone comprises receiving and transmitting a data file on the second wireless telephone without storing the entire data set on the second wireless telephone.

Claim 17. (Previously presented) The method of claim 15, wherein said displaying information from the received data on a display comprises displaying a received data file as one of an index image, a title, and a file name.

Claim 18. (Previously presented) The method of claim 15, wherein displaying information from the detected data on a display includes displaying a menu having selections for a receive mode for indicating that data has been received, a transmit image mode for transmitting an image from the second phone to an apparatus, a receive mail mode for receiving characters, and a transmit mail mode for transmitting characters.

Claim 19. (Previously presented) The method of claim 15, further comprising:
comparing the size of the data to be received into the second wireless telephone with
memory capacity of the second telephone to determine if data can be stored on the telephone
or must be outputted to an apparatus.

Claim 20. (Previously presented) The method of claim 15, wherein said transmitting the
designated data to the designated apparatus through a wireless connection device includes
designating addresses of apparatuses to which the data is to be transmitted.

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Claim 21. (New) A wireless telephone, comprising:
a first wireless communication device for receiving data;
a first transmitting and receiving circuit coupled to said first wireless communication
device;
a transmitting and receiving buffer coupled to said first transmitting and receiving
circuit for temporarily storing said data;
a second transmitting and receiving circuit coupled to said transmitting and receiving
buffer; and
a second wireless communication device coupled to said second transmitting and
receiving circuit for transmitting the data to a designated apparatus without a transmitting
provider.

Claim 22. (New) The wireless telephone as set forth in claim 21, further comprising:
a display device that displays a menu for designating the data for reception by the
wireless telephone and displays received information on data of at least one of images and
characters through the transmitting provider.

Claim 23. (New) The wireless telephone as set forth in claim 22, further comprising:
a designating device for designating the data for reception by the wireless telephone
from the transmitting provider, and for selectively designating an apparatus to which the
received data is to be transmitted.

Claim 24. (New) The wireless telephone as set forth in claim 22, wherein said display device displays the received information, and said designating device allows the user to designate the data to be received from the information displayed by said display device.

Claim 25. (New) A data transmitting method for a wireless telephone, comprising:
receiving data via a first wireless communication device;
temporarily storing said data in a transmitting and receiving buffer; and
transmitting said data to said designated apparatus without a transmitting provider via a second wireless communication device.

Claim 26. (New) The data transmitting method for the wireless telephone as set forth in claim 25, further comprising:

displaying that the telephone has received information on data of the at least one of image and characters through the transmitting provider and displaying a menu for designating the data for reception by the wireless telephone.

Claim 27 (New) The data transmitting method for the wireless telephone as set forth in claim 26, wherein the displaying comprises allowing a user to designate the data to be received from the transmitting provider.

Claim 28. (New) The data transmitting method for the wireless telephone as set forth in claim 25, further comprising:

designating the data for reception by the wireless telephone from the transmitting provider and designating an apparatus to which the received data is to be transmitted; and

Claim 29. (New) A data transmission system, comprising:

at least one wireless telephone, comprising:

a first wireless communication device for receiving data;
a first transmitting and receiving circuit coupled to said first wireless communication device;

a transmitting and receiving buffer coupled to said first transmitting and receiving circuit for temporarily storing said data;

a second transmitting and receiving circuit coupled to said transmitting and receiving buffer; and

a second wireless communication device coupled to said second transmitting and receiving circuit for transmitting the data to a designated apparatus without a transmitting provider.

Claim 30. (New) The system of claim 29, wherein said wireless telephone receives and transmits the data without storing the entire data set on the wireless telephone.

Claim 31. (New) The system of claim 29, further comprising:

a second wireless telephone that receives the data from a computer and transmits the data into the wireless telephone through the transmitting provider.

Claim 32. (New) The system of claim 31, wherein said second wireless telephone receives the data from a computer server and transmits the data without storing the entire data set on the second wireless telephone.

Claim 33. (New) The system of claim 29, wherein said at least one wireless telephone further comprises a central processing unit for controlling the telephone and for comparing the size of the data to be received into the wireless telephone with memory capacity of the second telephone to determine if data can be stored on the telephone or must be outputted to an apparatus.

Claim 34. (New) The system of claim 33, wherein said central processing unit compares the size of the data to be received with memory capacity of the wireless telephone to determine if data can be stored on the telephone or must be outputted to the apparatus.

Claim 35. (New) The system of claim 29, wherein said wireless telephone further

comprises a display device for displaying a menu for designating the data for reception by the wireless telephone and displays received information on data of at least one of images and characters through the transmitting provider.

Claim 36. (New) The system of claim 35, wherein said menu comprises selections for a receive mode for indicating that data has been received, a transmit image mode for transmitting an image from the second phone to an apparatus, a receive mail mode for receiving characters, and a transmit mail mode for transmitting characters.

Claim 37. (New) A wireless telephone, comprising:

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a detector for detecting data received from a transmitting provider;
a central processing unit which compares a size of the data to be received with a memory capacity of said wireless telephone to determine if said data can be stored on said telephone;
a designating device for designating the data for reception by the wireless telephone from the transmitting provider and for selectively designating an apparatus to which the received data is to be transmitted; and
a wireless communicating device that communicates with the apparatus without the transmitting provider and transmits the data to the apparatus designated by said designating device.

Claim 38. (New) The wireless telephone as set forth in claim 37, further comprising:

a display device that displays a menu for designating the data for reception by the wireless telephone and displays received information on data of at least one of images and characters through the transmitting provider.

Claim 39. (New) The wireless telephone as set forth in claim 38, wherein said display device displays the received information, and said designating device allows the user to designate the data to be received from the information displayed by said display device.

Claim 40. (New) A data transmitting method for a wireless telephone, comprising:
detecting data received from a transmitting provider;
comparing a size of the data to be received with a memory capacity of said wireless telephone to determine if said data can be stored on said telephone;
designating the data for reception by the wireless telephone from the transmitting provider and for selectively designating an apparatus to which the received data is to be transmitted; and
transmitting the data to a designated apparatus without a transmitting provider.

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Claim 41. (New) The data transmitting method for the wireless telephone as set forth in claim 40, further comprising:

displaying that the telephone has received information on data of the at least one of image and characters through the transmitting provider and displaying a menu for designating the data for reception by the wireless telephone.

Claim 42. (New) The data transmitting method for the wireless telephone as set forth in claim 40, wherein said displaying comprises allowing a user to designate the data to be received from the transmitting provider.

Claim 43. (New) A data transmission system, comprising:

at least one wireless telephone, comprising:

a detector for detecting data received from a transmitting provider;
a central processing unit which compares a size of the data to be received with a memory capacity of said wireless telephone to determine if said data can be stored on said telephone;

a designating device for designating the data for reception by the wireless telephone from the transmitting provider and for selectively designating an apparatus to which the received data is to be transmitted; and

a wireless communicating device that communicates with the apparatus without the transmitting provider and transmits the data to the apparatus designated by said designating

device.

Claim 44. (New) The system of claim 43, wherein said wireless telephone receives and transmits the data without storing the entire data set on the wireless telephone.

Claim 45. (New) The system of claim 43, further comprising:

a second wireless telephone that receives the data from a computer and transmits the data into the wireless telephone through the transmitting provider.

Claim 46. (New) The system of claim 45, wherein said second wireless telephone receives the data from a computer server and transmits the data without storing the entire data set on the second wireless telephone.

Claim 47. (New) The system of claim 43, wherein said wireless telephone further comprises a display device for displaying a menu for designating the data for reception by the wireless telephone and displays received information on data of at least one of images and characters through the transmitting provider.

Claim 48. (New) The system of claim 47, wherein said menu comprises selections for a receive mode for indicating that data has been received, a transmit image mode for transmitting an image from the second phone to an apparatus, a receive mail mode for receiving characters, and a transmit mail mode for transmitting characters.